

Exhibit D



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IPR Declaration reference: ISLD-201612-031

ETSI Rules of Procedure, 20 April 2016

IPR INFORMATION STATEMENT AND LICENSING DECLARATION**IPR HOLDER / ORGANISATION ("Declarant")**

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CONTACT DETAILS FOR LICENSING INFORMATION:

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SIGNATURE

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Name of authorized person:

Dr. Chanho Min

Title of authorized person:

Senior Manager

Place, Date:

(Korea Telecom Research Center, Umyeon-dong) 151, Taebong-ro, Seocho-gu, Seoul, 06763, South Korea, 27/12/2016

Please return this form duly signed to: ETSI Director-General

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IPR Information Statement Annex

STANDARD, TECHNICAL SPECIFICATION or ETSI Work Item				Proprietor	Application No.	Publication No.	Patent/ApplicationTitle	Country of registration	FURTHER INFORMATION		
Project or Standard name	Work Item or Standard No.	Illustrative Specific part of the standard (e.g. Section)	Version (V.X.X.X)						Other members of this PATENT FAMILY, if any *		
									Application No.	Publication No.	Country of registration
	TS 136 300 TS 136 331 TS 36.300 TS 36.331		12.4.0 12.4.1 12.4.0 12.4.1	UnknownComp any (KR20130129015)	KR20130129015	KR101568310 B1	METHODS AND APPARATUSES FOR TRANSMITTING USER PLANE DATA IN SMALL CELL DEPLOYMENTS	KOREA (REPUBLIC OF)	CN2014807262 KR20150145111 US20141476533 4 WO2014KR0034 6	CN104969489 A KR101611309 B1 US2015373584 A1 WO2014119858 A1	CHINA KOREA (REPUBLIC OF) UNITED STATES Patent Cooperation Treaty
	TS 136 300 TS 136 321 TS 136 331 TS 36.300 TS 36.321 TS 36.331		12.4.0 12.4.0 12.4.1 12.4.0 12.4.0 12.4.1	UnknownComp any (KR20130149687)	KR20130149687	KR101625552 B1	METHODS AND APPARATUSES FOR ACTIVATING OR DEACTIVATING SMALL CELLS	KOREA (REPUBLIC OF)	CN2014808810 KR20130129872 US20141476590 4 WO2014KR0099 6	CN105075314 A KR20140102112 A US2015373559 A1 WO2014126356 A1	CHINA KOREA (REPUBLIC OF) UNITED STATES Patent Cooperation Treaty
	TS 136 300 TS 136 321 TS 136 331 TS 36.300 TS 36.321 TS 36.331		12.4.0 12.4.0 12.4.1 12.4.0 12.4.0 12.4.1	UnknownComp any (KR20140015508)	KR20140015508	KR101656248 B1	METHODS FOR TRANSMITTING BUFFER STATUS REPORT OF A USER EQUIPMENT IN SMALL CELL DEPLOYMENTS AND APPARATUSES THEREOF	KOREA (REPUBLIC OF)	CN2014811021 KR20130129039 US20141477060 7 WO2014KR0112 4	CN105432028 A KR20140107088 A US2016029245 A1 WO2014133271 A1	CHINA KOREA (REPUBLIC OF) UNITED STATES Patent Cooperation Treaty
	TS 136 300 TS 136 331 TS 36.300 TS 36.331		12.4.0 12.4.1 12.4.0 12.4.1	UnknownComp any (KR20130136724)	KR20130136724	KR101632277 B1	HANDOVER METHODS FOR A MOBILE STATION CONNECTED WITH MULTIPLE BASE STATIONS AND APPARATUSES THEREOF	KOREA (REPUBLIC OF)	CN2014819499 US20141477995 7 WO2014KR0244 9	CN105103613 A US9497666 B2 WO2014157888 A1	CHINA UNITED STATES Patent Cooperation Treaty
	TS 136 331 TS 36.331		12.4.1 12.4.1	UnknownComp any (KR20130161241)	KR20130161241	KR101628874 B1	METHODS FOR HANDLING A RADIO LINK FAILURE AND APPARATUSES THEREOF	KOREA (REPUBLIC OF)	CN2014820250 KR20130130502 US20141478135 6 WO2014KR0290 2	CN105103593 A KR20140120806 A US2016057802 A1 WO2014163419 A1	CHINA KOREA (REPUBLIC OF) UNITED STATES Patent Cooperation Treaty



	TS 136 331 TS 36.331		12.4.1	UnknownComp any (KR2013016187 5)	KR20130161875	KR101602999 B1	METHODS FOR CONFIGURING A DUAL CONNECTION IN MOBILE COMMUNICATION NETWORKS AND APPARATUSES THEREOF	KOREA (REPUBLIC OF)	CN2014858780	CN105684491 A	CHINA
			12.4.1						KR20130130408	KR20140145524 A	KOREA (REPUBLIC OF)
									US20141503265 1	US2016316508 A1	UNITED STATES
									WO2014KR1009 4	WO2015064972 A1	Patent Cooperation Treaty
	TS 136 300 TS 136 323 TS 136 331 TS 36.300 TS 36.323 TS 36.331		12.4.0	UnknownComp any (KR2014003042 2)	KR20140030422	KR20150034588 A	Methods for transmitting the Buffer status report and Apparatuses thereof	KOREA (REPUBLIC OF)	CN2014853616	CN105580419 A	CHINA
			12.2.0						US20141502448 4	US2016242193 A1	UNITED STATES
			12.4.1						WO2014KR0831 1	WO2015046780 A1	Patent Cooperation Treaty
			12.4.0								
	TS 136 300 TS 136 323 TS 136 331 TS 36.300 TS 36.323 TS 36.331		12.4.0	UnknownComp any (KR2014018726 2)	KR20140187262	KR101640681 B1	METHODS FOR CHANGING A BASE STATION IN DUAL CONNECTIVITY AND APPARATUSES THEREOF	KOREA (REPUBLIC OF)			
			12.2.0								
			12.4.1								
			12.4.0								
	TS 136 300 TS 36.300		13.2.0	KT CORP [KR]	KR20150015921	KR20150099411 A	METHODS FOR TRANSMITTING AND RECEIVING DATA AND APPARATUSES THEREOF	KOREA (REPUBLIC OF)			
			13.2.0								
	TS 136 321 TS 36.321		12.4.0	UnknownComp any (KR2014001761 0)	KR20140017610	KR101655513 B1	Methods for transmitting Buffer Status Report in Device to Device Communication and Apparatuses thereof	KOREA (REPUBLIC OF)	CN2014845384	CN105474684 A	CHINA
			12.4.0						CN20161154305	CN105682137 A	CHINA
									US20141491002 6	US2016183239 A1	UNITED STATES
									US20161505407 7	US2016183241 A1	UNITED STATES
									WO2014KR0708 1	WO2015020356 A1	Patent Cooperation Treaty
	TS 136 321 TS 136 331 TS 36.321 TS 36.331		12.4.0	UnknownComp any (KR2014000855 6)	KR20140008556	KR101648251 B1	Methods for allocating wireless resources in Device to Device communication and Apparatuses thereof	KOREA (REPUBLIC OF)	CN2014845384	US2016183239 A1	CHINA
			12.4.1						CN20161154305	US2016183239 A1	CHINA
			12.4.0						US20141491002 6	US2016183239 A1	UNITED STATES
			12.4.1						US20161505407 7	US2016183239 A1	UNITED STATES
									WO2014KR0708 1	US2016183239 A1	Patent Cooperation Treaty



	TS 136 331 TS 36.331		12.3.0 12.3.0	UnknownComp any (KR2013014875 1)	KR20130148751	KR101602998 B1	METHODS FOR HANDLING THE VALIDITY OF WIRELESS LAN ASSISTANCE INFORMATION AND APPARATUSES THEREOF	KOREA (REPUBLIC OF)			
	TS 23.682		13.3.0	KT CORP [KR]	KR20120143964	KR20130123291 A	USER EQUIPMENT MONITORING METHOD AND APPARATUS IN MOBILE NETWORK	KOREA (REPUBLIC OF)	WO2013KR0375 8	WO2013165168 A1	Patent Cooperation Treaty
	TS 136 331 TS 36.331		13.0.0 13.0.0	KT CORP [KR]	KR20150094846	KR20160019052 A	METHODS FOR CONFIGURING CARRIER AGGREGATION AND APPARATUSES THEREOF	KOREA (REPUBLIC OF)	WO2015KR0803 7	WO2016021882 A1	Patent Cooperation Treaty
	TS 136 213 TS 136 331 TS 36.213 TS 36.331		13.2.0 13.2.0 13.2.0 13.2.0	UnknownComp any (KR2014005793 8)	KR20140057938	KR20150035672 A	Apparatus and methods of uplink control channel resource mapping for User Equipments	KOREA (REPUBLIC OF)	CN2014853321 US20141502526 2 WO2014KR0876 5	CN105594139 A US2016242169 A1 WO2015046831 A1	CHINA UNITED STATES Patent Cooperation Treaty
	TS 136 213 TS 136 331 TS 36.213 TS 36.331		13.2.0 13.2.0 13.2.0 13.2.0	UnknownComp any (KR2014006712 8)	KR20140067128	KR20150041562 A	Methods for Transmitting and Receiving Downlink Control Channels and Apparatuses thereof	KOREA (REPUBLIC OF)	CN2014854504 KR20140026752 US20141502626 0 WO2014KR0899 5 WO2014KR0918 4	CN105659514 A KR20150040193 A US2016249331 A1 WO2015050339 A1 WO2015050359 A1	CHINA KOREA (REPUBLIC OF) UNITED STATES Patent Cooperation Treaty Patent Cooperation Treaty
	TS 136 213 TS 136 331 TS 36.213 TS 36.331		13.2.0 13.2.0 13.2.0 13.2.0	UnknownComp any (KR2014008892 6)	KR20140088926	KR20150043963 A	Methods for Transmitting and Receiving a Random Access Preamble and Apparatuses Thereof	KOREA (REPUBLIC OF)	CN2014856219 US20141502926 5 WO2014KR0947 2	CN105637969 A US2016255591 A1 WO2015056924 A1	CHINA UNITED STATES Patent Cooperation Treaty
	TS 136 213 TS 136 331 TS 36.331 TS 36.213		13.1.1 13.1.0 13.1.0 13.1.1	KT CORP [KR]	KR20150105193	KR20160037066 A	METHODS FOR TRANSMITTING AND RECEIVING A SIGNAL OF MTC UES AND APPARATUSES THEREOF	KOREA (REPUBLIC OF)	WO2015KR1009 7	WO2016048063 A1	Patent Cooperation Treaty
	TS 136 213 TS 136 331 TS 36.331 TS 36.213		13.1.1 13.1.0 13.1.0 13.1.1	KT CORP [KR]	KR20150132362	KR20160037087 A	METHODS FOR CONFIGURING DOWNLINK RESOURCE FOR A MTC UE AND APPARATUSES THEREOF	KOREA (REPUBLIC OF)	WO2015KR1009 7	WO2016048063 A1	Patent Cooperation Treaty



TS 136 213 TS 36.213	13.1.1 13.1.1	KT CORP [KR]	KR20160005012	KR20160089866 A	METHODS FOR TRANSMITTING A DOWNLINK CONTROL INFORMATION AND APPARATUSES THEREOF	KOREA (REPUBLIC OF)	KR20150135899	KR20160089844 A	KOREA (REPUBLIC OF) Patent Cooperation Treaty
							WO2016KR0049 4	WO2016117885 A1	
TS 136 213 TS 36.213	13.2.0 13.2.0	KT CORP [KR]	KR20140012252	KR20140134213 A	METHODS OF DATA CHANNEL SCHEDULING AND APPARATUSES THEREOF	KOREA (REPUBLIC OF)	KR20130147226	KR20140134209 A	KOREA (REPUBLIC OF)
TS 136 331 TS 136 300 TS 36.331 TS 36.300	13.0.0 13.2.0 13.0.0 13.2.0	KT CORP [KR]	KR20160021712	KR20160110889 A	METHODS FOR TRANSMITTING CHANNEL STATE INFORMATION AND APPARATUSES THEREOF	KOREA (REPUBLIC OF)	WO2016KR0228 1	WO2016144078 A1	Patent Cooperation Treaty
TS 136 331 TS 136 300 TS 36.331 TS 36.300	13.0.0 13.2.0 13.0.0 13.2.0	KT CORP [KR]	KR20150185653	KR20160086269 A	METHODS FOR TRANSMITTING AND RECEIVING THE SINGLE CELL MULTIPOINT TRANSMISSION DATA AND APPARATUSES THEREOF	KOREA (REPUBLIC OF)	WO2015KR1447 9	WO2016111498 A1	Patent Cooperation Treaty
TS 136 331 TS 136 300 TS 136 304 TS 36.331 TS 36.300 TS 36.304	13.0.0 13.2.0 13.0.0 13.0.0 13.2.0 13.0.0	KT CORP [KR]	KR20160000376	KR20160086276 A	METHODS FOR TRANSMITTING AND RECEIVING THE SINGLE CELL MULTIPOINT TRANSMISSION DATA AND APPARATUSES THEREOF	KOREA (REPUBLIC OF)	WO2016KR0005 3	WO2016111522 A1	Patent Cooperation Treaty
TS 136 300 TS 136 360 TS 36.300 TS 36.360	13.3.0 13.0.0 13.3.0 13.0.0	KT CORP [KR]	KR20150094021	KR20160030038 A	METHODS FOR TRANSMITTING DATA USING A WLAN CARRIER AND APPARATUSES THEREOF	KOREA (REPUBLIC OF)	KR20150067822	KR20160030035 A	KOREA (REPUBLIC OF)
							KR20150114273	KR20160030041 A	KOREA (REPUBLIC OF)
							WO2015KR0933 3	WO2016036180 A1	Patent Cooperation Treaty
TS 136 300 TS 136 360 TS 36.300 TS 36.360	13.3.0 13.0.0 13.3.0 13.0.0	KT CORP [KR]	KR20150114278	KR20160034182 A	METHODS FOR PROCESSING USER PLANE DATA AND APPARATUSES THEREOF	KOREA (REPUBLIC OF)	WO2015KR0974 1	WO2016043527 A1	Patent Cooperation Treaty
TS 136 300 TS 136 323 TS 136 331 TS 36.300 TS 36.323 TS 36.331	13.3.0 13.1.0 13.1.0 13.3.0 13.1.0 13.1.0	KT CORP [KR]	KR20150114273	KR20160030041 A	METHODS FOR PROCESSING DATA USING A WLAN CARRIER AND APPARATUSES THEREOF	KOREA (REPUBLIC OF)	KR20150067822	KR20160030035 A	KOREA (REPUBLIC OF)
							KR20150094021	KR20160030038 A	KOREA (REPUBLIC OF)
							WO2015KR0933 3	WO2016036180 A1	Patent Cooperation Treaty
							WO2015KR0974 1	WO2016043527 A1	Patent Cooperation Treaty



	TS 136 463 TS 136 300 TS 136 331 TS 36.300 TS 36.331 TS 36.463		13.0.0 13.3.0 13.1.0 13.3.0 13.1.0 13.0.0	KT CORP [KR]	KR20150155504	KR20160058014 A	METHODS FOR TRANSMITTING AND RECEIVING DATA USING WLAN CARRIERS AND APPARATUSES THEREOF	KOREA (REPUBLIC OF)	WO2015KR1213 9	WO2016076634 A3	Patent Cooperation Treaty
	TS 136 300 TS 136 323 TS 136 331 TS 36.300 TS 36.323 TS 36.331		13.3.0 13.1.0 13.1.0 13.3.0 13.1.0 13.1.0	KT CORP [KR]	KR20160037352	KR20160119426 A	Methods for reconfiguring radio bearer and Apparatuses thereof	KOREA (REPUBLIC OF)	WO2016KR0320 3	WO2016159634 A1	Patent Cooperation Treaty
	TS 136 413 TS 123 682 TS 136 304 TS 36.413 TS 23.682 TS 36.304		13.1.0 13.5.0 13.1.0 13.1.0 13.5.0 13.1.0	KT CORP [KR]	KR20150030263	KR20160002327 A	METHODS FOR TRANSMITTING A PAGING MESSAGE AND APPARATUSES THEREOF	KOREA (REPUBLIC OF)			

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